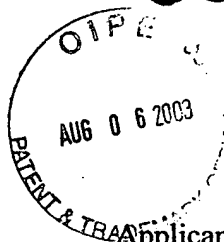


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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Anne N. Murphy and Amy K. Stout
 Application No. : 09/765,104
 Filed : January 16, 2001
 For : SCREENING ASSAYS USING INTRAMITOCHONDRIAL
 CALCIUM

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Examiner : Jeffrey Siew
 Art Unit : 1637
 Docket No. : 660088.438
 Date : July 11, 2003

Mail Stop AF
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

AMENDMENT

Commissioner for Patents:

The present Amendment is submitted in response to the Office Action issued by the U.S. Patent and Trademark Office (hereinafter "PTO") and dated October 17, 2002. A Notice of Appeal, along with a Petition for an Extension of Time to extend the period for response by three months, to April 17, 2003, and the requisite fees, were submitted on April 11, 2003; the Appeal Period has therefore commenced. Please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Amendments to the Drawings begin on page 16 of this paper and include an attached Replacement Sheet.

Remarks/Arguments begin on page 17 of this paper.

08/08/2003 AMONDAF1 00000113 09765104

02 FC:1201	420.00 OP
03 FC:1202	1404.00 OP
04 FC:1203	280.00 OP